

Figure 1

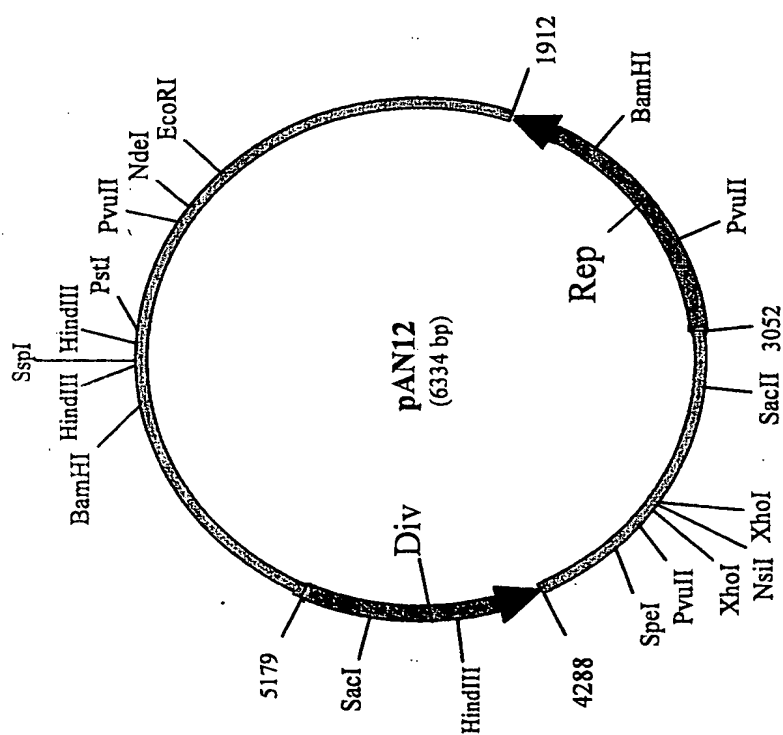


Figure 2

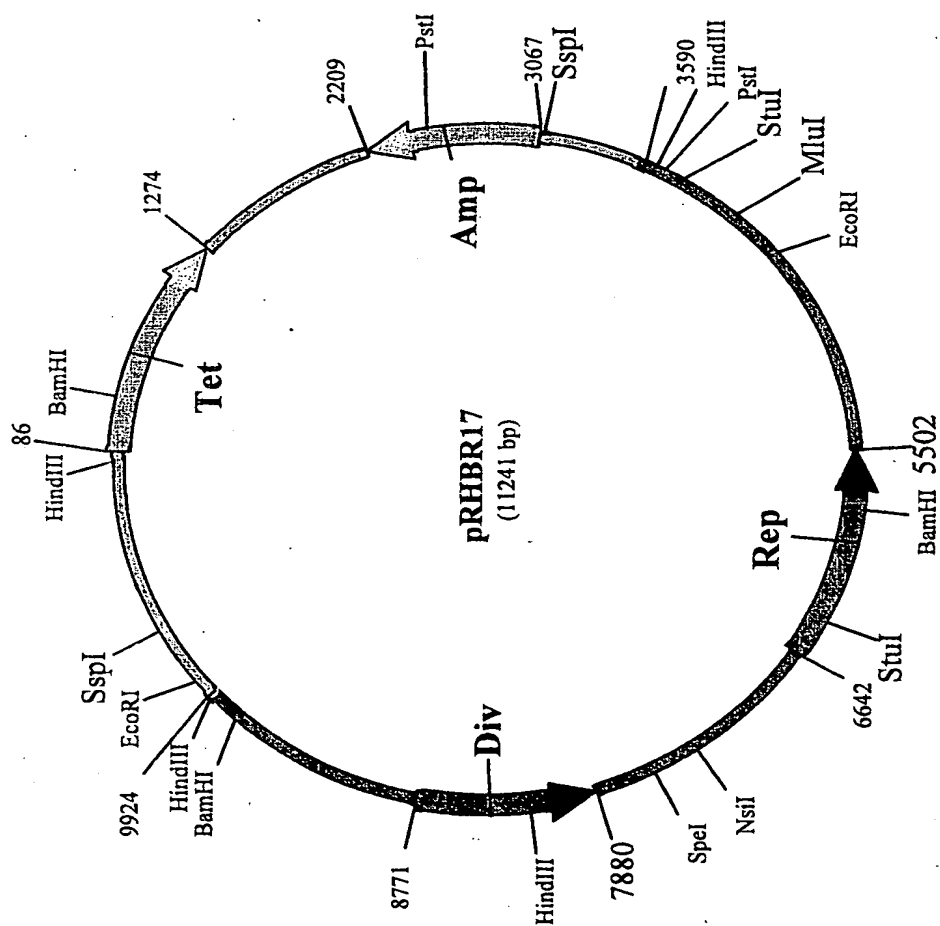


Figure 3

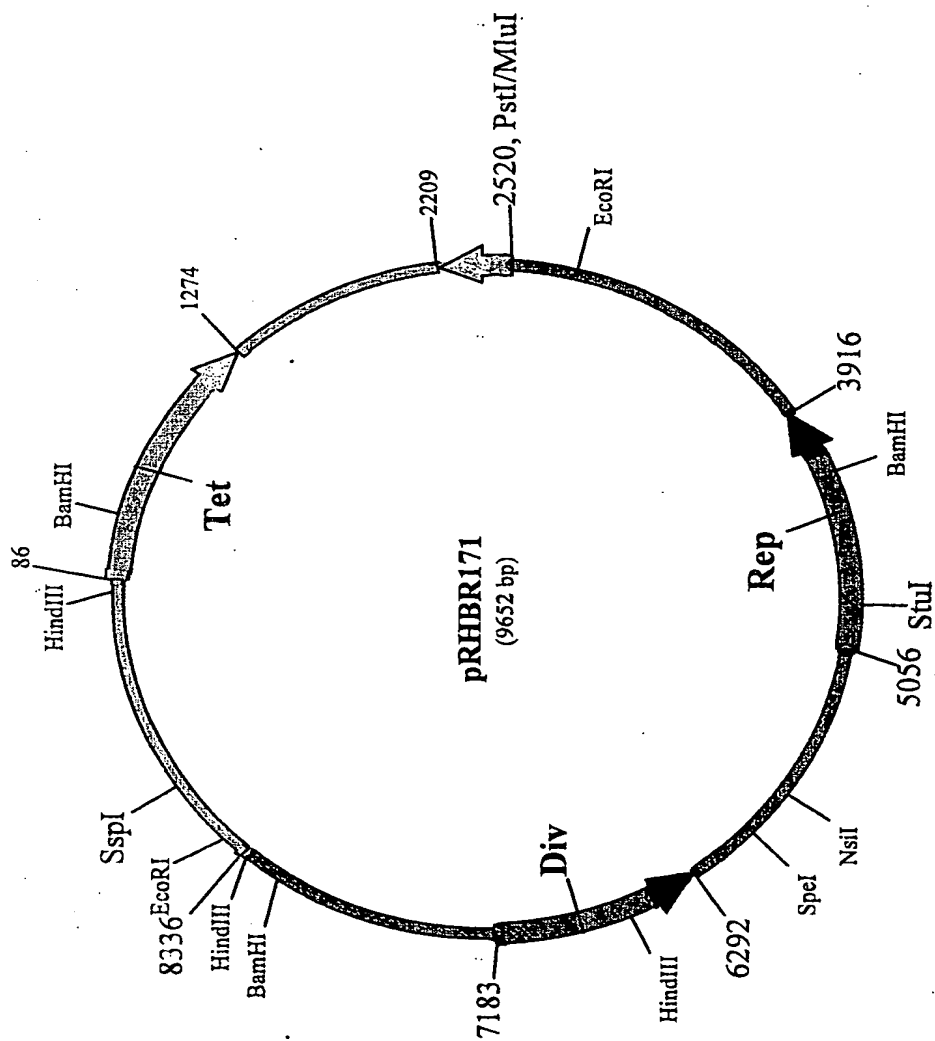


Figure 4

A Replication proteins

	Motif IV	Motif I	Motif II	Motif III	Motif V	
PAN12	73 CGKGMICPC	109 MVTMTMRH	168 HVHVHALLM	229 LAAYLTAKIAS	277 WREFEFGSMGRRRAIAWSEGLR	--SEQ ID NO:5
PAP1	143 CGSVWACPVC	180 MLTLTQRH	239 HVHSHVLI	314 IGNYVSKMT	366 WKEYEKASFGRRALTWSEGLR	--SEQ ID NO:21
PIJ101	25 CGRIWLCPCVC	62 LVTFTARH	148 HPHIHAIWL	225 LAEYIAKTQD	289 WHEYERATRGRRRAIEWTRYLR	--SEQ ID NO:22
PJV1	43 CGRIWFCPEC	80 VVWLTARH	184 HPHLNLVLF	272 LIEYLTAKNQD	353 WAQYEEALAGRRRAIEWTRGLR	--SEQ ID NO:23
PSN22	25 CGRIWLCPCVC	62 LVTLTARH	148 HPHIHAIWL	225 LAEYIAKTQD	289 WHEYERATKGRRAIEWTRGLR	--SEQ ID NO:24

B Origin of replication

PAN12	574 GTGCGAAAACTGCA	CAGCT-GGCTACACTA	---SEQ ID NO:8
PIJ101	1696 GAGGCAAAAAGCGAA	CACCTTGGCAAGAAA	---SEQ ID NO:25
PJV1	1668 CTGGCAAAAAGCGA	CGCCTAGGTAAGGTT	---SEQ ID NO:26
PSN22	7805 GACCCAAAACTGCGG	CGCCTTGGCAAGAAA	---SEQ ID NO:27

